

**AMENDMENTS TO THE CLAIMS**

1-20. (Cancelled)

21. (New) An electronic system, comprising:  
a first circuit board supporting a plurality of blade elements that each include respective electronic circuitry;  
a second circuit board for distributing power and control signals to said plurality of blade elements coupled to said first circuit board;  
said first circuit board being disposed on a first side of said second circuit board;  
said second circuit board comprising a plurality of slots and said plurality of blade elements are coupled through said slots and engage connectors disposed on a second side of said second circuit board; and  
at least one heat sink attached to said first circuit board and contacting electronic components on said second circuit board.

22. (New) The electronic system of claim 21 wherein at least one of said first and second circuit boards comprises stop structures for maintaining a predetermined distance between said first and second circuit boards.

23. (New) The electronic system of claim 21 wherein each blade element comprises a plurality of contacts to receive power and control signals through a respective connector of said second circuit board.

24. (New) The electronic system of claim 21 further comprising:  
a locking mechanism to maintain a physical coupling between said first and second circuit boards.

25. (New) The electronic system of claim 24 wherein said locking mechanism is a latch.

26. (New) An electronic system, comprising:  
means for supporting a plurality of blade elements that each include respective electronic circuitry;  
means for distributing power and control signals to said plurality of blade elements coupled to said first circuit board;  
wherein said means for supporting is disposed on a first side of said means for distributing, said means for distributing comprises a plurality of slots, and said plurality of blade elements are coupled through said slots and engage connectors disposed on a second side of said means for distributing; and  
means for dissipating heat generated by electronics of said means for distributing, wherein said means for dissipating is attached to said means for supporting.

27. (New) The electronic system of claim 26 wherein at least one of said means for supporting and said means for distributing comprises a plurality of stop structures for maintaining a predetermined distance between said means for supporting and said means for distributing.

28. (New) The electronic system of claim 26 wherein each blade element comprises a plurality of contacts to receive power and control signals through a respective connector of said means for distributing.

29. (New) The electronic system of claim 26 further comprising:  
means for locking said means for supporting and said means for distributing.